

Listing of Claims

1. (Currently Amended) A system for utilizing a mobile communication terminal as a wireless headset, comprising:

a base unit personal computer (PC) adapted to access an Internet phone service; and
a mobile communication terminal adapted to function as a wireless headset of the base unit PC when the base unit PC accesses the Internet phone service, wherein the mobile communication terminal comprises:

a built-in wireless communication capability configured to enable wireless communication between a plurality of communication devices;

a key input function which operates with a displayed menu to change a mode of the terminal between a general call mode and a headset mode; and

a mobile station modem to check whether the terminal has been set to the [[a]] headset mode and, when the check indicates that the headset mode has been set, a control program drives the mobile station modem to alter input/output ports for communicating speech signals relating to an Internet phone service of a call between the terminal and base unit personal computer through the built-in wireless communication capability, wherein:

the mobile station modem is responsive to said key input function to alter said input/output ports for communicating speech signals relating to the Internet phone service call between the terminal and base unit when said key input function designates the headset mode,

the mobile station modem is responsive to said key input function to alter said input/output ports to communicate speech signals with an external mobile communication network when said key input function designates the general call mode, and

when the key input function sets the mode of the terminal to the general call mode, the terminal remains in the general call mode independent of a location of the terminal relative to the base unit.

2. (Currently Amended) The system according to claim 1, wherein the base unit PC comprises a wireless communication card configured to receive a speech signal from the mobile communication terminal and to transmit the received speech signal to a sound card of the base unit PC.

3. (Currently Amended) The system according to claim 1, wherein the mobile communication terminal further comprises:

 a speaker;
 a microphone; and
 a wireless communication device configured to transmit a speech signal from the microphone to the base unit PC using a predetermined wireless communication protocol and to output a speech signal received from the base unit PC to the speaker.

4. (Currently Amended) A system for utilizing a mobile communication terminal as a wireless headset, comprising:

a personal computer (PC) configured to access an Internet phone service; and
a mobile communication terminal with a built-in wireless communication capability configured to enable wireless communication between a plurality of communication devices, wherein the mobile communication terminal is configured to function as a wireless headset of the PC when the PC accesses the Internet phone service, and wherein the mobile communication terminal comprises:

a speaker;

a microphone;

a key input function which operates with a displayed menu to change a mode of the terminal between a general call mode and a headset mode; and

a mobile station modem to check whether the terminal has been set to the [[a]] headset mode and, when the check indicates that the headset mode has been set, a control program drives the mobile station modem to alter input/output ports for communicating speech signals ~~of a relating to an Internet phone service~~ call between the terminal and personal computer through the built-in wireless communication capability; and

a wireless communication device configured to transmit a speech signal from the microphone to the PC using a predetermined wireless communication protocol and to output a speech signal transmitted from the PC to the speaker, wherein:

the mobile station modem is responsive to said key input function to alter said input/output ports for communicating speech signals relating to the Internet phone service call between the terminal and personal computer when said key input function designates the headset mode,

the mobile station modem is responsive to said key input function to alter said input/output ports to communicate speech signals with an external mobile communication network when said key input function designates the general call mode, and

when the key input function sets the mode of the terminal to the general call mode, the terminal remains in the general call mode independent of a location of the terminal relative to the personal computer.

5. (Currently Amended) A method for utilizing a mobile communication terminal as a wireless headset, comprising:

setting an operating mode of the mobile communication terminal, the operating mode set between a general call mode and headset mode in response to activation of a key input function of the mobile communication terminal;

checking whether or not the set operating mode is the [[a]] headset mode;
adjusting input/output ports of the mobile communication terminal [[if]] to communicate speech signals for an Internet phone call when the key input function the sets the operating mode is a to the headset mode; and

transmitting the [[a]] speech signals from a microphone of the mobile communication terminal to a personal computer (PC) via the adjusted input/output ports in the headset mode a wireless communication device of the mobile communication terminal, wherein:

said checking determining is performed by a mobile station modem which checks whether the terminal has been set to the headset mode for communicating speech signals of the Internal phone [[a]] call between the terminal and personal computer through a [[the]] wireless communication device of the terminal,

the mobile station modem is responsive to said key input function to adjust said input/output ports for communicating speech signals relating to the Internet phone call between the terminal and personal computer when said key input function designates the headset mode,

the mobile station modem is responsive to said key input function to adjust said input/output ports to communicate speech signals with an external mobile communication network when said key input function designates the general call mode, and

when the key input function sets the mode of the terminal to the general call mode, the terminal remains in the general call mode independent of a location of the terminal relative to the personal computer.

6-7 (Canceled)

8. (Previously Presented) The method according to claim 1, wherein the built in wireless communication capability of the mobile communication terminal is compatible with a built in wireless communication capability of the PC.

9. (Previously Presented) The method according to claim 8, wherein the built in wireless communication capabilities of the mobile communication terminal and the PC are compatible with a predetermined wireless communication protocol.

10. (Previously Presented) The method according to claim 9, wherein the built in wireless communication capabilities of the mobile communication terminal and the PC and the predetermined wireless communication protocol are configured to enable wireless communication amongst a plurality of predetermined components positioned within a given proximity of one another.

11-13 (Canceled)

14. (Previously Presented) The method according to claim 4, wherein the wireless communication device of the mobile communication terminal is configured to communicate with the PC using a predetermined wireless communication protocol which is configured to enable wireless communication amongst a plurality of predetermined components positioned within a given proximity of one another.

15-18 (Canceled)

19. (New) The system according to claim 1, wherein the mobile station modem performs an additional function of periodically checking whether the mobile communication terminal has been set to the headset mode, and when the periodic check indicates that the headset mode has been set, a control program drives the mobile station modem to alter the input/output ports of the terminal for communicating speech signals of an Internet phone service call between the mobile communication terminal and personal computer through the built-in wireless communication capability.

20. (New) The system according to claim 1, wherein the base unit is a personal computer.